

---

## A New Combination in *Exodeconus* (Solanaceae)

*Barbro Axelius*

Missouri Botanical Garden and Botaniska Institutionen,  
Stockholms Universitet, S-106 91 Stockholm, Sweden

*William G. D'Arcy*

Missouri Botanical Garden, P.O. Box 299, St. Louis, Missouri 63166, U.S.A.

---

ABSTRACT. *Cacabus flavus* is transferred to the genus *Exodeconus*.

The generic names *Exodeconus* Rafinesque (1838) and *Cacabus* Bernhardt (1839) are both based on the same type, *Physalis prostrata* L'Heritier de Brutelle. *Cacabus* was for many years erroneously used for this small group of plants from western South America, and not all necessary transfers into *Exodeconus* have been made. During a revision of the genus by Axelius, we examined the type collection of *Cacabus flavus* and considered it a species belonging to *Exodeconus*. We make the necessary new combination below.

In many species described in the same publication with *Cacabus flavus*, Johnston used the designation "type" and "isotype," also noting the herbarium of deposit for material upon which he based his species, a practice that did not come into general use until some years later. In the case of *Cacabus flavus*, his material was designated as "type, Gray Herb.," and another collection was cited as well. In accordance with present usage, we refer to the first as the

holotype, a duplicate of it (which we have seen) as an isotype, and the second collection cited as a paratype. These were clearly Johnston's concepts, although all of these terms did not come into currency until much later.

***Exodeconus flavus*** (I. M. Johnston) Axelius & D'Arcy, comb. nov. Basionym: *Cacabus flavus* I. M. Johnston, Contr. Gray Herb. 85: 177. 1929. TYPE: Peru. Arequipa: open rocky slopes, Tiabaya, 2,050 m, 8 Apr. 1925, *Pennell 13066* (holotype, GH; isotype, K).

*Paratype*. PERU. MOQUEGUA: dry ravines in hills SE of Moquegua, 1,550 m, 22-24 Mar. 1925, *Weberbauer 7459* (F, K).

### Literature Cited

- Bernhardt, J. J. 1839. Ueber *Saracha* und *Physalis*. *Linnaea* 13: 357-362.  
Rafinesque, C. S. 1838. *Sylva Telluriana*. Rafinesque, Philadelphia.